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PTO/SB/82 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	09/648,173
Filing Date	August 25, 2000
First Named Inventor	Rajeev Jayavant
Art Unit	2676
Examiner Name	SINGH, Dalip K.
Attorney Docket Number	P04211

I hereby revoke all previous powers of attorney given in the above-identified application.

☒ A Power of Attorney is submitted herewith.

OR

☐ I hereby appoint the practitioners associated with the Customer Number:

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with
Customer Number:

29,906

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City		State		Zip	
Country					
Telephone			Fax		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name	Paul S. Drake (Reg. No. 33,491)		
Signature			
Date	Oct. 24, 2003	Telephone	(512) 602-2103

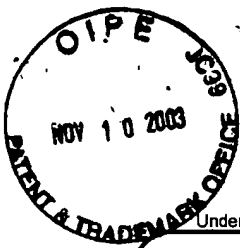
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	09/648,173
Filing Date	August 25, 2000
First Named Inventor	Rajeev Jayavant
Title	CIRCUITRY AND SYSTEMS FOR PERFORMING TWO-DIMENSIONAL COMPENSATION USING THREE
Art Unit	2676
Examiner Name	SINGH, Dalip K.
Attorney Docket Number	P04211

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below:

Name	Registration Number
Paul S. Drake	33,491
Paul J. Polansky	33,992
Vincent B. Ingrassia	25,732
Timothy J. Lorenz	41,954

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☒ The address associated with Customer Number:

29,906

OR

<input type="checkbox"/> Firm or Individual Name				
Address				
Address				
City	State	Zip		
Country				
Telephone	Fax			

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name	Paul S. Drake (Reg. No. 33,491)		
Signature			
Date	Oct 24, 2003	Telephone	(512) 602-2103

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Rajeev Jayavant et al.Application No./Patent No.: 09/648,173 Filed/Issued Date: August 25, 2000Entitled: CIRCUITRY AND SYSTMS FOR PERFORMING TWO-DIMENSIONAL MOTION COMPENSATION USING A
THREE-DIMENSIONAL PIPELINE AND METHODS OF OPERATING THE SAMEAdvanced Micro Devices, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

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A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____ Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Rajeev Jayavant et al. To: National Semiconductor Corporation
a copy thereof is attached.
2. From: National Semiconductor Corporation To: Advanced Micro Devices, Inc.
a copy which is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

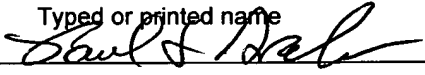
☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Oct. 24, 2003
Date
(512) 602-2103
Telephone number

Paul S. Drake
Typed or printed name

Signature
Assistant Secretary
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
P04211

Whereas, I, Rajeev Jayavant of Fort Collins, hereafter referred to as applicant, have invented certain new and useful improvements in Circuitry and Systems for Performing Two-Dimensional Motion Compensation Using a Three-Dimensional Pipeline and Methods of Operating the Same

☐ for which an application for a United States Patent was filed on _____, Application Number _____/_____.

☒ for which an application for a United States Patent was executed on 07/24/00, and

Whereas, National Semiconductor Corporation of Santa Clara, California 95051 herein referred to "assignee" whose post office address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of two dollars (\$ 2.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 24th day of July, 2000,
at 1250 South Hover Road, Longmont, CO 80501.

Rajeev Jayavant
(Signature)

State of Colorado) SS:
County of Boulder)

Before me personally appeared said Rajeev Jayavant
and acknowledged the foregoing instrument to be his free act and deed this 24th
day of July, 2000.

Seal

Margaret Jones
(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

My Commission Expires 06/09/2004
1250 S. Hover Rd.
Longmont, CO 80501

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
P04211

Whereas, I, David W. Nuechterlein of Longmont ~~Fort Collins~~ 7/27/00, hereafter referred to as applicant, have invented certain new and useful improvements in Circuitry and Systems for Performing Two-Dimensional Motion Compensation Using a Three-Dimensional Pipeline and Methods of Operating the Same

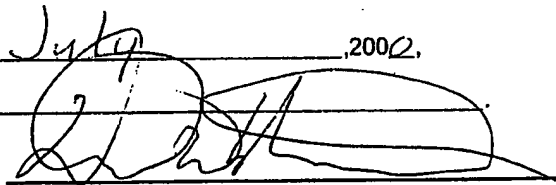
☐ for which an application for a United States Patent was filed on _____, Application Number _____/_____.

☒ for which an application for a United States Patent was executed on 07/27/00, and

Whereas, National Semiconductor Corporation of Santa Clara, California 95051 herein referred to "assignee" whose post office address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of two dollars (\$ 2.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 27th day of July, 2002,
at FIRSTBANK



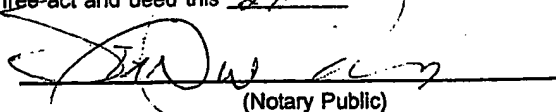
(Signature)

State of Colorado SS:
County of BOULDER

Before me personally appeared said David W. Nuechterlein
and acknowledged the foregoing instrument to be his free act and deed this 27th
day of JULY, 2002.

My Commission Expires 09/20/2000
6500 Lookout Road
Boulder, CO 80301

Seal


(Notary Public)

ASSIGNMENT OF PATENT RIGHTS

This ASSIGNMENT OF PATENT RIGHTS, dated August 21, 2003 (this "Agreement"), is entered into by National Semiconductor Corporation and its Subsidiaries (as defined below) (collectively, "Assignor"), with and for the benefit of Advanced Micro Devices, Inc. ("Assignee"). For the purpose of this Agreement, "Subsidiary" means, with respect to a party, any corporation, company, or other entity, more than fifty percent (50%) of whose outstanding shares or securities (representing the right to vote for the election of directors or other managing authority) are, now or hereafter, owned or controlled, directly or indirectly by a party hereto, but such corporation, company or other entity shall be deemed to be a "Subsidiary" only so long as such ownership or control exists.

WHEREAS, Assignor has agreed to sell and assign, and Assignee has agreed to buy and acquire all of Assignor's rights, title and interests in and to the Assigned Patent Applications set forth in Exhibit A attached hereto (the "Assigned Patent Applications").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns and transfers to Assignee any and all worldwide rights, title and interests Assignor holds, or may hold, in and to the Assigned Patents, together with all rights derived therefrom, including but not limited to the right to sue for and collect damages for past, present and future infringement.

Assignor further agrees that, should additional or further documentation of the assignment be required for whatever reason, Assignor will, without further consideration, provide or execute such other information or documents as may be necessary upon Assignee's reasonable request.

This Agreement shall be binding on and shall inure to the benefit of, the parties hereto and their respective successors and assigns. This Agreement will be governed by, and construed in accordance with, the internal laws of the State of California applicable to contracts executed and performed entirely therein, without regard to the principles of choice of law or conflicts or law of any jurisdiction. If any term or other provision of this Agreement is invalid, illegal or incapable of being enforced by any rule of law or public policy, all other conditions and provisions of this Agreement will nevertheless remain in full force and effect so long as the economic or legal substance of the transactions contemplated hereby is not affected in any manner materially adverse to any party. Upon such determination that any term or other provision is invalid, illegal or incapable of being enforced, the parties hereto will negotiate in good faith to modify this Agreement so as to effect the original intent of the parties as closely as possible in a mutually acceptable manner in order that the transactions contemplated hereby be consummated as originally contemplated to the greatest extent possible. This Agreement may be executed in one or more counterparts, and by the different parties hereto in separate counterparts, each of which when executed will be deemed to be an original but all of which taken together will constitute one and the same agreement.

IN WITNESS WHEREOF, Assignor has caused this Assignment of Patent Rights to be executed by its duly authorized representatives effective as of the date first written above.

NATIONAL SEMICONDUCTOR CORPORATION

By: [Signature]
Name: John M. Clark III
Title: Senior Vice President and Secretary

STATE OF California

COUNTY OF Santa Clara

On this 21st day of August, 2003, before me, a Notary Public in and for said State, personally appeared John M. Clark III, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose names ~~(s)~~ (s) are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ he executed the same in ~~his/her/their~~ his authorized capacity(ies), and that by ~~his/her/their~~ his signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS, my hand and official seal.

[Signature]
Notary Public

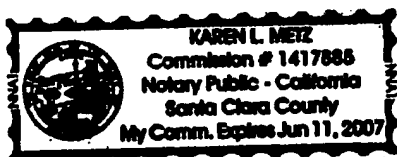


EXHIBIT A
ASSIGNED PATENT APPLICATIONS

Assigned Patent Applications

Docket Number	Sub Case	Title	Inventors	Status	File Date	Serial No.	Issue Date	Pat Number
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P04211		CIRCUITRY AND SYSTEMS FOR PERFORMING TWO-DIMENSIONAL MOTION COMPENSATION USING A THREE-DIMENSIONAL PIPELINE AND METHODS OF OPERATING THE SAME	JAYAVANT RAJEEV NUECHTERLEIN DAVE	Filed	08/25/2000	09/648173		
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2676

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/648,173
Filing Date	August 25, 2000
First Named Inventor	Rajeev Jayavant
Art Unit	2676
Examiner Name	SINGH, Dalip K.
Attorney Docket Number	P04211

Total Number of Pages in This Submission 10

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- | | | |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment / Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)

<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application

<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawings(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter

<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
1 page Statement under CFR 3.73(b)
6 pages Assignment/Exhibit A
Return Postcard. |
|--|--|---|

Remarks

RECEIVED
NOV 14 2003**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Timothy J. Lorenz, Reg. No. 41,954
Signature	
Date	11/6/03

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Type or printed name	Timothy J. Lorenz, Reg. No. 41,954		
Signature		Date	11/6/03

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. SEND FEES OR COMPLETED FORMS TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.